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United States Department of Agriculture

BUREAU OF PLANT INDUSTRY

SERVICE AND REGULATORY ANNOUNCEMENT

APRIL, 1925

THE ADULTERATION AND MISBRANDING OF THE SEED OF KENTUCKY BLUEGRASS

During the calendar year 1924 seed of Kentucky bluegrass was procured in the open market in accordance with the following paragraph in the act of Congress making appropriations for the United States Department of Agriculture:

Where such samples [seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market] are found to be adulterated or misbranded, the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale.

In carrying out the provisions of this act, 536 mail samples and 65 purchased lots of Kentucky bluegrass seed were obtained.

These were examined in the Seed-Testing Laboratory of the Bureau of Plant Industry and publication is here made of the results of the analyses of the samples found to be adulterated or misbranded, together with the names of the seedsmen by whom they were sold or offered for sale. (See Table 1.)

TABLE 1.—Results of tests of samples of seed obtained in the open market as Kentucky bluegrass seed and found to be adulterated or misbranded

Seed offered for sale or sold as Kentucky bluegrass seed by—		Seed obtained by—	Seeds and inert matter found upon analysis of samples			
Name of dealer	Address of dealer		Kentucky bluegrass seed	Canada bluegrass seed	Other seeds	Dirt and chaff
			Per cent	Per cent	Per cent	Per cent
Clossman Hardware Co., The.	619-623 Main Street, Zanesville, Ohio.	Mail (sample)....	4.08	77.52	2.85	15.55
Do.....	do.....	Purchase (bulk)...	2.82	75.34	3.37	18.47
Dallas, Alexander, Inc.	119 Grand Street, Waterbury, Conn.	Mail (sample)....	.69	56.70	35.71	6.90
Do.....	do.....	Purchase (bulk)...	.22	19.93	64.72	15.13
Darling Seed Co., Lou S.	Petoskey, Mich.....	do.....	59.43	22.54	18.03	
Durham Seed House, The.	Durham, N. C.....	Mail (sample)....	.64	78.81	3.34	17.21
Do.....	do.....	Purchase (bulk)...	.90	81.11	2.11	15.88
Everitt's Seed Store....	227 West Washington Street, Indianapolis, Ind.	Mail (sample)....	1.26	82.78	4.97	10.99
Do.....	do.....	Purchase (bulk)...	1.74	85.27	2.36	10.63
Forshaw, S. H.....	222 East Court Street, Pendleton, Oreg.	Mail (sample)....	45.72	28.03	1.66	24.59
Do.....	do.....	Purchase (bulk)...	42.59	23.34	1.69	32.38
Guthrie-Lorenz Co.....	711 Grand Avenue, Des Moines, Iowa.	Mail (sample)....	48.50	26.69	1.75	23.06
Do.....	do.....	Purchase (bulk)...	29.99	46.63	1.75	21.63

* Timothy, 25.12 per cent; redbot, 10.10 per cent.

* Timothy, 46.36 per cent; redbot, 17.39 per cent.

* Redtop, 22.36 per cent.

TABLE 1.—Results of tests of samples of seed obtained in the open market as Kentucky bluegrass seed and found to be adulterated or misbranded—Continued

Seed offered for sale or sold as Kentucky bluegrass seed by—		Seed obtained by—	Seeds and inert matter found upon analysis of samples			
Name of dealer	Address of dealer		Kentucky bluegrass seed	Canada bluegrass seed	Other seeds	Dirt and chaff
Hamilton Hardware Corporation, The.	90-94 Bank Street, Waterbury, Conn.	Mail (sample)---	<i>Per cent</i> 1.49	<i>Per cent</i> 72.90	<i>Per cent</i> 2.70	<i>Per cent</i> 22.91
Do	do	Purchase (bulk)---	1.59	62.18	1.97	34.26
Harper & Agnor, Inc.	Lexington, Va.	do	36.34	37.53	3.46	22.67
Harrisburg Seed Co.	Harrisburg, Pa.	Mail (sample)---	43.60	32.63	2.51	21.26
Do	do	Purchase (bulk)---	45.73	35.42	2.66	16.19
Hollenbach, Peter	808 West Lake Street, Chicago, Ill.	Mail (sample)---	3.22	65.38	2.36	29.04
Do	do	Purchase (bulk)---	2.64	65.16	2.48	29.72
Klass Seed Store	Columbia, Mo.	Mail (sample)---	2.50	68.83	1.60	27.07
Do	do	Purchase (bulk)---	2.32	58.58	8.29	30.81
Occidental Seed Co.	Salt Lake City, Utah.	Mail (sample)---	67.47	-----	^d 8.01	24.52
Do	do	Purchase (bulk)---	65.94	-----	^e 7.70	26.36
Do	do	Mail (sample)---	65.68	-----	^f 9.02	25.30
Do	do	Purchase (bulk)---	62.56	-----	^g 11.30	26.14
Scott Seed Co.	New Albany, Ind.	do	38.41	-----	^h 18.64	42.95
Woodruff & Sons, S. D.	195-201 Washington Street, New York, N. Y.	Mail (sample)---	.67	83.88	4.78	10.67
Do	do	Purchase (bulk)---	.17	87.31	4.70	7.82

^d Redtop, 7.05 per cent.^e Redtop, 6.94 per cent.^f Redtop, 8.64 per cent.^g Redtop, 10.61 per cent.^h Timothy, 8.61 per cent; redtop, 7.19 per cent.

The Bureau of Plant Industry of the United States Department of Agriculture will continue to examine and report promptly as to the presence of adulterants and dodder in any sample of seed submitted for that purpose. According to the location of the sender, these samples may be submitted to the Seed-Testing Laboratory at Washington, D. C., or to any of the following laboratories maintained through the cooperation of this department: Cooperative Seed-Testing Laboratory, California State Department of Agriculture, 1217 L Street, Sacramento, Calif.; Cooperative Seed-Testing Laboratory, Oregon Agricultural College, Corvallis, Oreg.; Cooperative Seed-Testing Laboratory, Purdue University Agricultural Experiment Station, La Fayette, Ind.; Cooperative Seed-Testing Laboratory, Missouri Agricultural Experiment Station, Columbia, Mo.

Approved:

W. M. JARDINE,
Secretary of Agriculture.

WASHINGTON, D. C., April 7, 1925.